

## ABSTRACT

The present invention relates to a composition for preventing and treating dementia and memory impairment, which contains minocycline as active ingredient. The composition of the present invention has an effect of inhibiting brain cell death and memory impairment, which are induced by amyloid beta-protein and C-terminal protein. Thus, the composition of the present invention is useful for the prevention and treatment of various dementias, including Alzheimer's disease, and the impairment of learning and memory and cognitive function.